

LOW-PROFILE INTAKE MANIFOLD

Abstract

An intake manifold according to the present invention comprises a housing defining an interior cavity and having an exterior surface. The housing has at least one air in-flow passage from the exterior surface of the housing to the interior cavity. The housing includes at least one side wall, the side wall having a substantially planar side wall interior cavity surface and a side wall exterior surface. The side wall defines at least one air-fuel out-flow passage from the interior cavity to the side wall exterior surface, wherein the intake manifold is mounted to engage an engine block so that the air-fuel out-flow passage and an engine cylinder inlet are aligned to allow the air-fuel mixture to pass from the air-fuel out-flow passage to the engine cylinder inlet.